

FIGURE 1

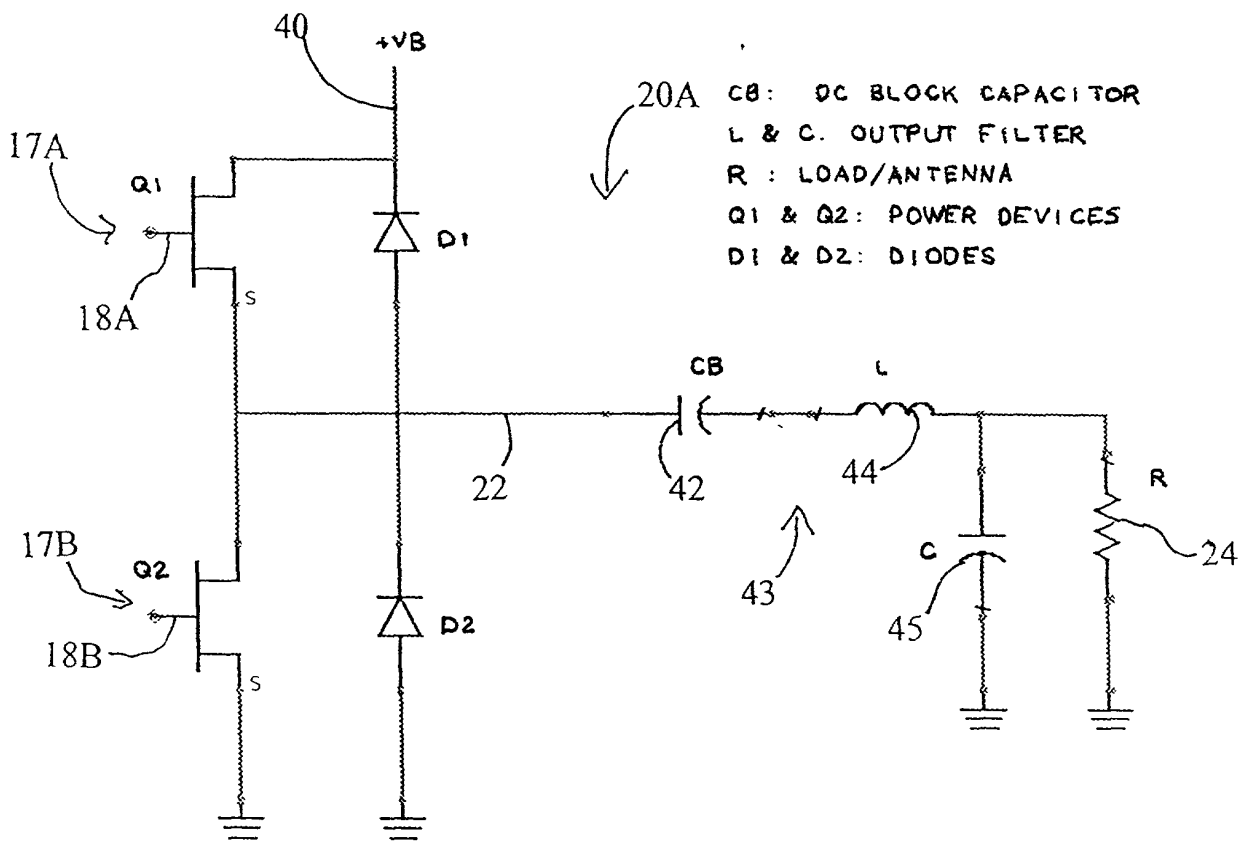


FIG. 2. CLASS S AMPLIFIER WITH 2 DEVICES.

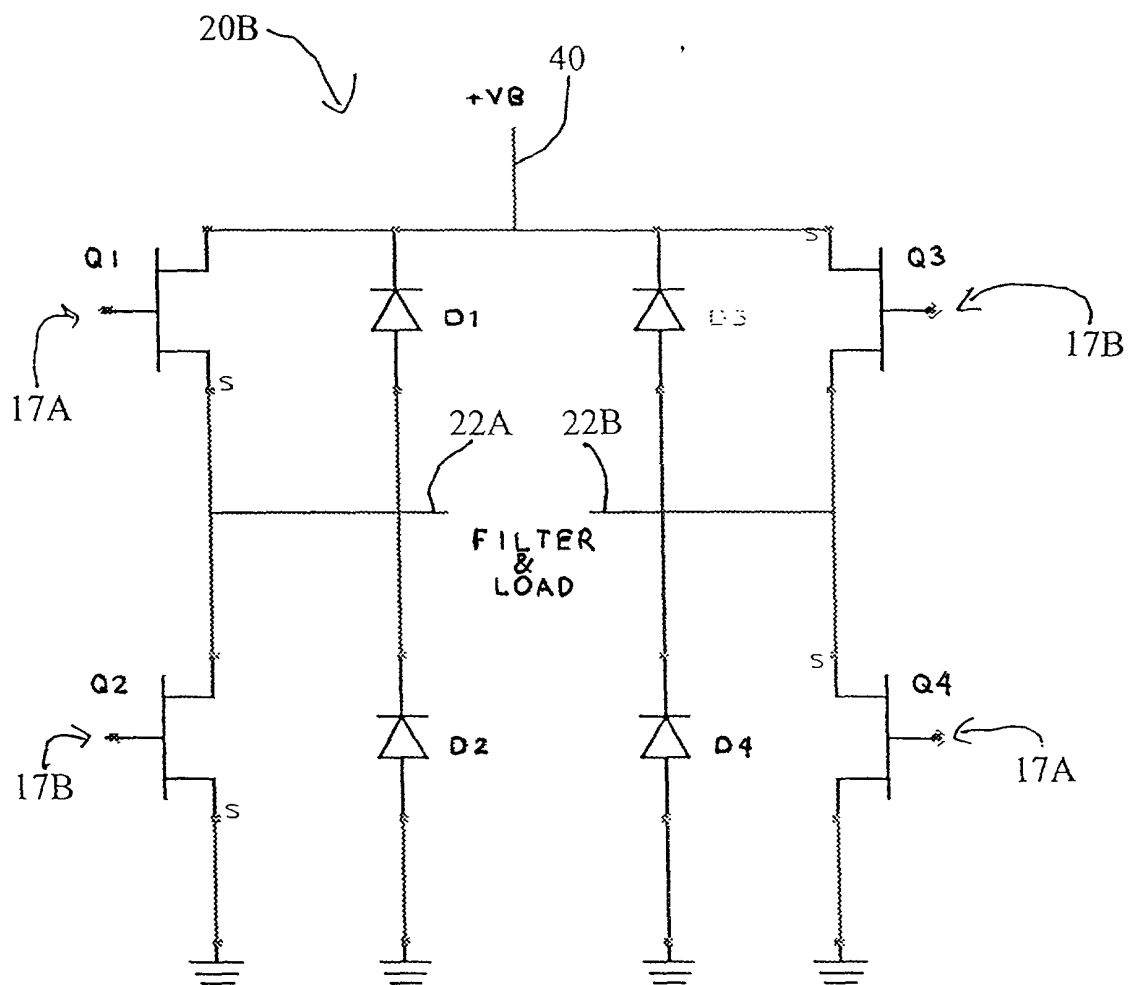


FIG. 3. CLASS S AMPLIFIER WITH 4 DEVICES. (H CONFIGURATION.)

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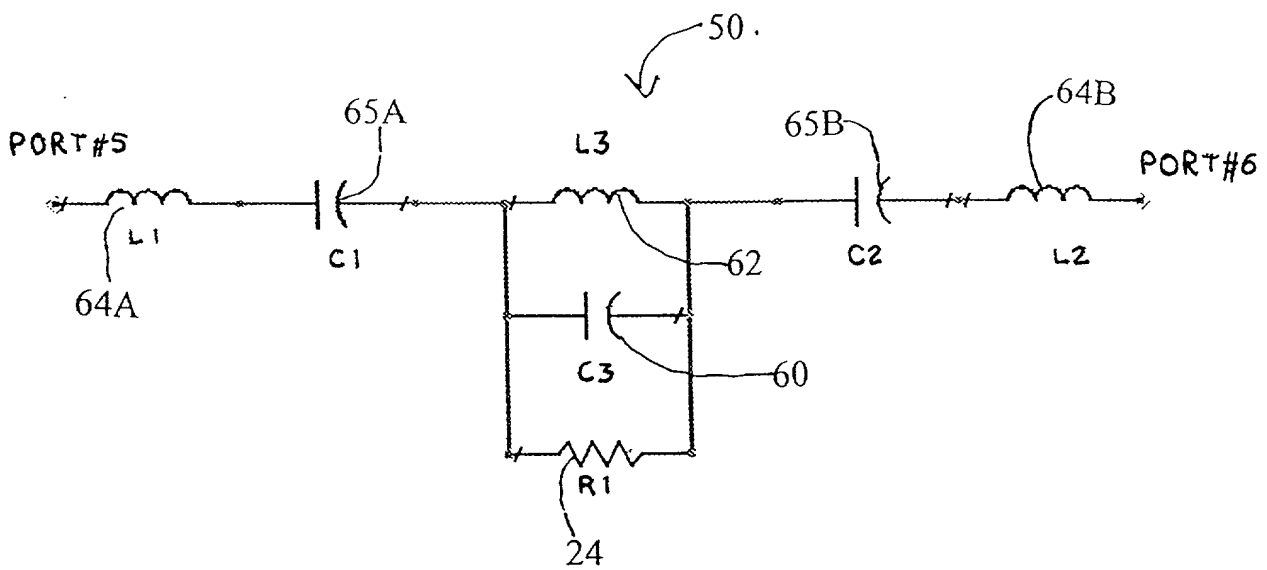


FIG. 4. CLASS S AMPLIFIER: OUTPUT FILTER AND LOAD SCHEMATIC

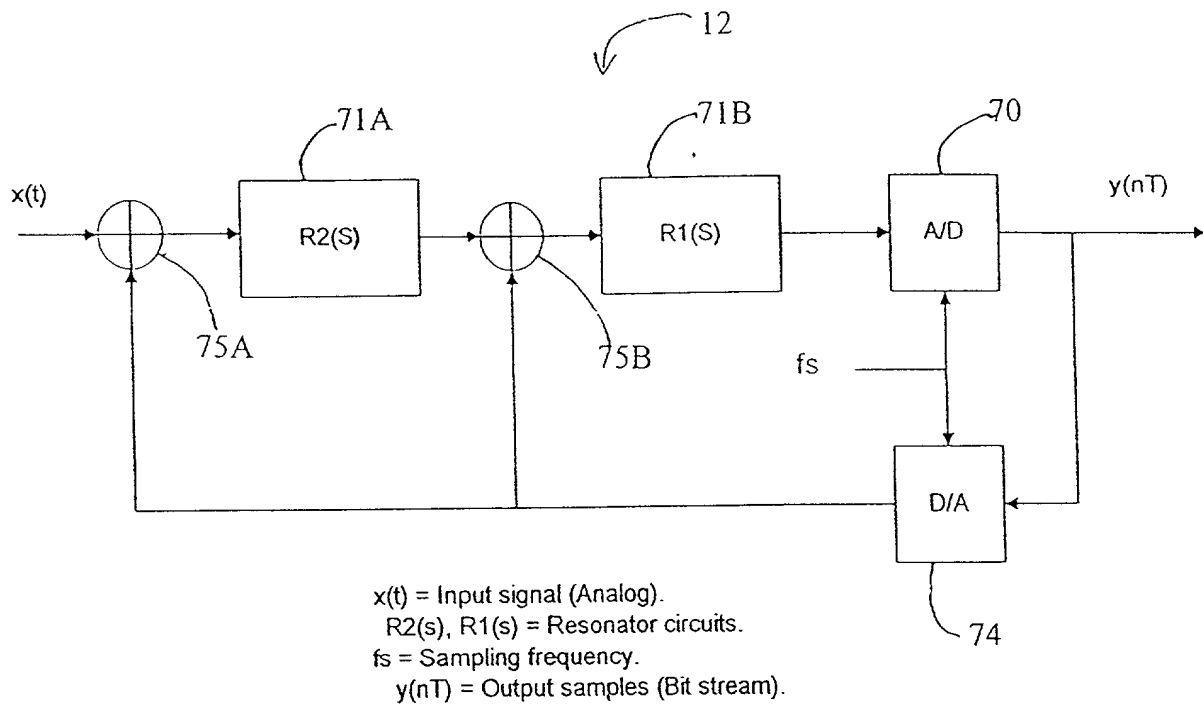
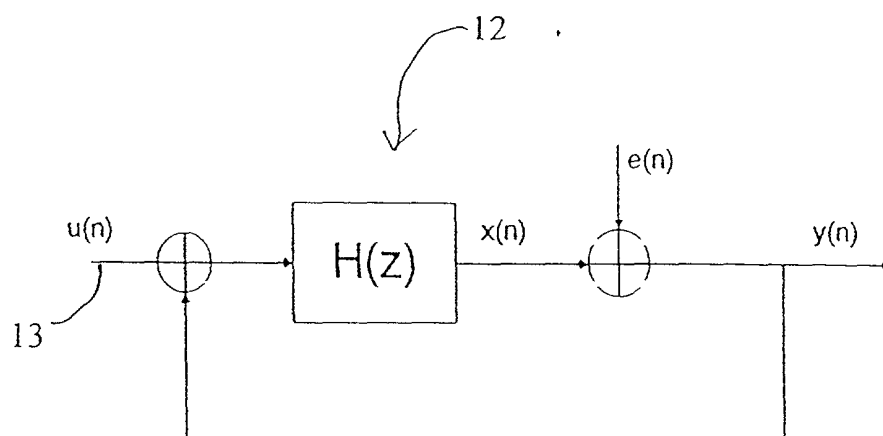


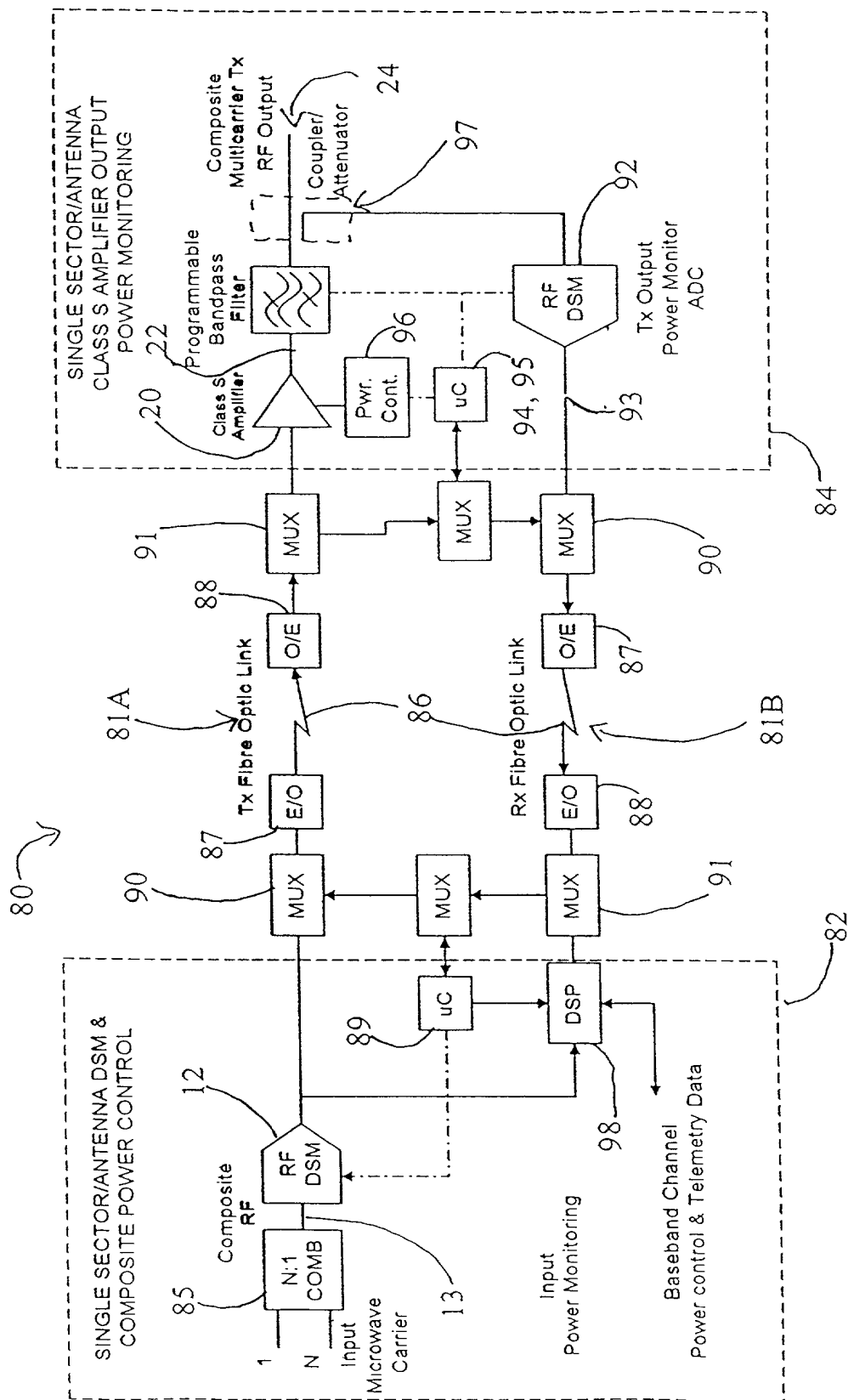
FIG. 5. CONTINUOUS TIME BANDPASS DELTA SIGMA MODULATOR USING DOUBLE FEEDBACK LOOP.

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$u(n)$ = Input signal
 $x(n)$ = Input to Quantizer
 $e(n)$ = Quantization noise as additive noise non-correlated with input
 $y(n)$ = Output bit stream

FIG. 6. SIMPLIFIED DISCRETE EQUIVALENT OF DELTA SIGMA MODULATOR



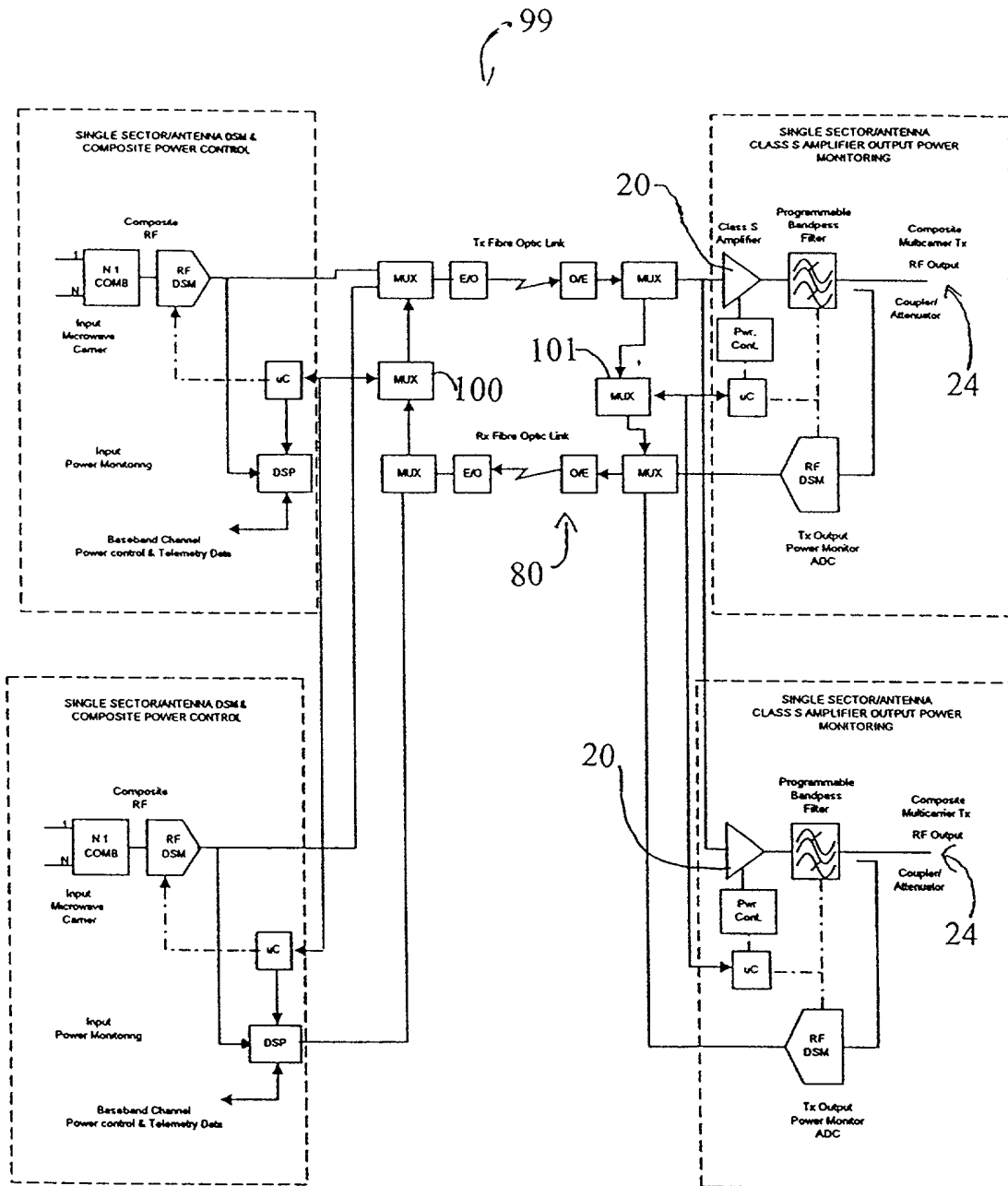


FIGURE 7B